

Objective 28: Reduce emergency department visits due to hypertension

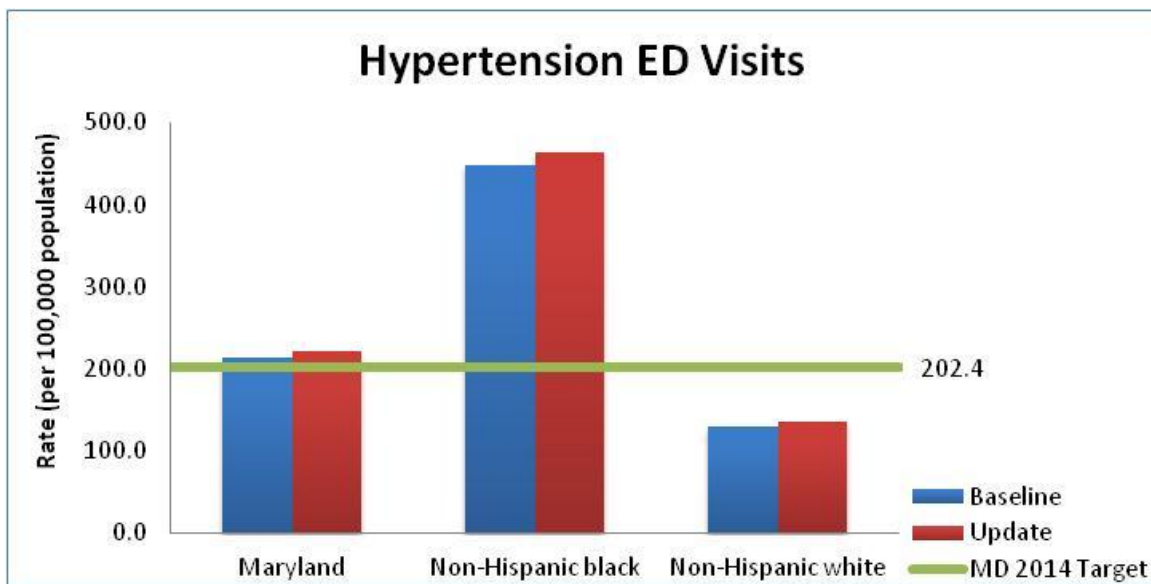
In Maryland, 30% of all deaths were attributed to heart disease and stroke. Heart disease and stroke can be prevented by control of high blood pressure. In 2010, there were 13,733 emergency department visits for a primary diagnosis of hypertension in Maryland.



Update Summary: Not moving toward the Maryland 2014 Target

Statistics and Goals

Measure: Rate of emergency department visits due to hypertension (per 100,000 population)



Data Source: Maryland Health Services Cost Review Commission (HSCRC)

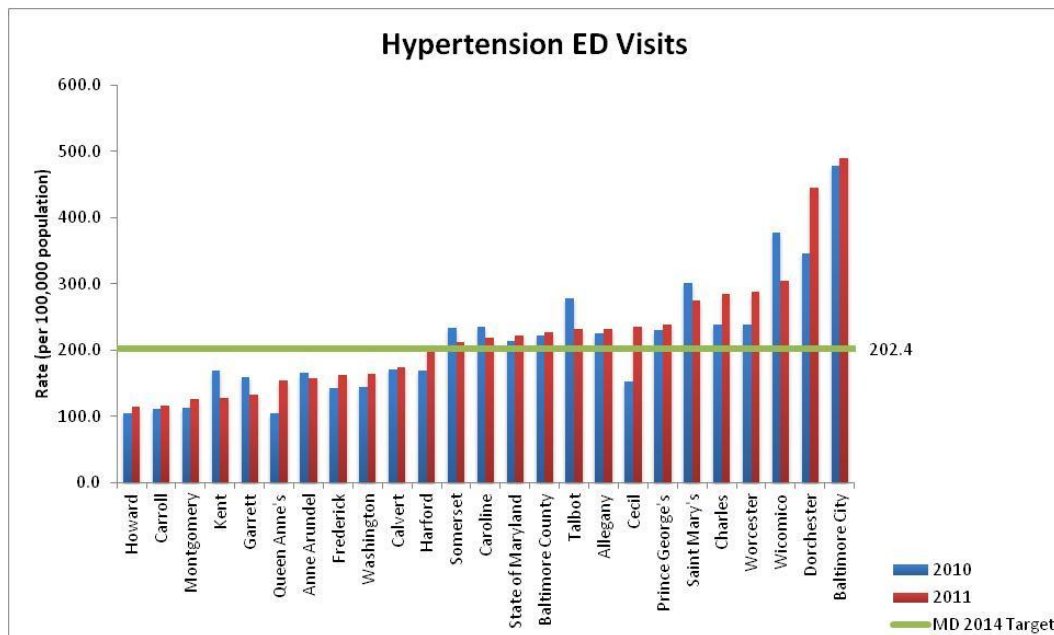
IMPORTANT: For the year 2 update, additional research was conducted and improvements were made in requesting, analyzing and displaying the hospital data. New 2010 figures and rates were used for the baseline, therefore they do not match the figures originally displayed for 2010.

Maryland SHIP	Year	Total	NH Black	NH White	SHIP 2014 Target
Baseline	2010	213.1	447.2	129.6	202.4
Update	2011	222.2	463.8	136.0	

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Local-Level Data

Measure: Rate of emergency department visits due to hypertension (per 100,000 population)



Data Source: Maryland Health Services Cost Review Commission (HSCRC)

Note: Data are coded by patient's county of residence. Only visits made by Maryland residents to Maryland hospitals were used for the analysis; emergency department visits made to hospitals outside of Maryland were not included.

County	2010	2011
State of Maryland	213.1	222.2
Allegany	225.1	231.6
Anne Arundel	166.5	157.1
Baltimore City	477.8	489.9
Baltimore County	221.2	226.2
Calvert	170.2	173.7
Caroline	235.9	218.3
Carroll	111.3	116.0
Cecil	152.3	236.0
Charles	238.8	284.3
Dorchester	346.4	444.2
Frederick	142.7	162.2
Garrett	159.5	133.1
Harford	169.1	204.5
Howard	104.8	115.3
Kent	168.3	128.7
Montgomery	112.4	126.2
Prince George's	231.1	238.4
Queen Anne's	104.6	155.1

County	2010	2011
Saint Mary's	301.5	274.5
Somerset	234.2	212.6
Talbot	277.9	231.4
Washington	145.2	164.0
Wicomico	377.8	304.5
Worcester	239.0	287.3

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Data Details	
<u>National Data</u>	
Source	---
Year	---
<u>Maryland Data</u>	
Source	Maryland Health Services Cost Review Commission (HSCRC), Research Level Statewide Inpatient and Outpatient Data Files
Year	
Baseline	2010
Update	2011
Calculation	
Numerator	Number of inpatient and outpatient emergency department visits for which the primary diagnosis was coded as 401.x
Denominator	Number of persons (population)
Population source	Maryland Department of Planning (MDP)
Single year method	$(x/y) \times 100,000$
Combined year method	---
<u>Notes</u>	
Race/ethnicity	Non-Hispanic Asians, non-Hispanic blacks, Hispanics, non-Hispanic whites
Censoring	Rates not reported where the number of ED visits was less than 20.
Origin	Research level data files were obtained from the Maryland Health Services Cost Review Commission in August 2012 using a data request form.
Other	IMPORTANT: Only visits made by Maryland residents to Maryland hospitals were used for the analysis; emergency department visits made by Maryland residents to out-of-state hospitals were not included. Data are coded by patient's county of residence.